

PATENT  
ATTY DOCKET NO.: JHU1220-4

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Lee and Esquela                      Art Unit: 1646  
Application No.: 09/361,655                      Examiner: Mertz, Prema Maria  
Filed: July 27, 1999  
Title: METHODS OF DETECTING LIVER CELLS EXPRESSING  
GROWTH DIFFERENTIATION FACTOR-12

Commissioner for Patents  
Washington, D.C. 20231

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**AMENDMENT REGARDING THE SUBSTITUTE SEQUENCE LISTING**

In response to the Examiner's telephone call on September 16, 2002, Applicants provide herewith a computer readable and a substitute paper copy of the Sequence Listing in accordance with 37 C.F.R. § 1.821 *et seq.*

**CERTIFICATE OF SUBMISSION BY FEDERAL EXPRESS**

I hereby certify that this paper is being submitted to:  
Examiner, Mertz, Prema M. - Group Art Unit 1646 at the  
Patent and Trademark Office on the date shown below:

Mikhail Bayley  
(Name of person transmitting paper)

Mikhail Bayley      09/17/2002  
(Signature)                      (Date)

In re Application of:  
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**AMENDMENT**

Following the abstract, please insert the enclosed Substitute Sheets as replacement pages 1 through 12 for the Sequence Listing submitted with the above-referenced patent application.